

ARRANGEMENT IN A ROUTER FOR INSERTING ADDRESS PREFIXES BASED ON COMMAND LINE ADDRESS IDENTIFIERS

ABSTRACT OF THE DISCLOSURE

A router is configured for dynamically applying an address prefix value, during execution of a router command, based on retrieving the address prefix value for an address prefix identifier specified in the router command. For example, the router may generate an IP address, for use in executing a router command, based on detecting an address prefix identifier specified in the router command, retrieving a prefix value for the address prefix identifier, and adding the prefix value to an address suffix specified in the router command. Hence, the address prefix identifier in the router command enables global reconfiguration and renumbering of all commands specifying the address prefix identifier, merely by changing the prefix value associated with the address prefix identifier.